

IN THE CLAIMS:

The text of all pending claims, (including withdrawn claims) is set forth below. Cancelled and not entered claims are indicated with claim number and status only. The claims as listed below show added text with underlining and deleted text with ~~strikethrough~~. The status of each claim is indicated with one of (original), (currently amended), (cancelled), (withdrawn), (new), (previously presented), or (not entered).

1-15. (PREVIOUSLY CANCELLED)

16. (PREVIOUSLY PRESENTED) A method of reserved recording of an upcoming program while a program preview for the upcoming program is being broadcast, the method comprising:

receiving program guide information associated with the upcoming program;

receiving, during the broadcast of the program preview, a user command to reserve the upcoming program for future recording; and

reserving, in response to the user command, the upcoming program for future recording using the received program guide information,

wherein said reserving the upcoming program is only operable while the program preview is being displayed.

17. (PREVIOUSLY PRESENTED) The method of reserved recording in accordance with claim 16, wherein the program guide information is embedded in the program preview.

18. (PREVIOUSLY PRESENTED) The method of reserved recording in accordance with claim 16, wherein the program preview comprises audio and video data in addition to the program guide information.

19. (PREVIOUSLY PRESENTED) The method of reserved recording in accordance with claim 16, wherein said receiving the program guide information comprises automatically receiving the program guide information for the upcoming program to be broadcast at the future time without another user command requesting the program guide information.

20. (PREVIOUSLY PRESENTED) The method of reserved recording in accordance with claim 16, wherein said reserving the upcoming program comprises reserving the upcoming program without retrieving stored program guide information from a memory.

21. (PREVIOUSLY PRESENTED) The method of reserved recording in accordance with claim 16, further comprising prompting a user for the user command to reserve the upcoming program for future recording during the broadcast of the program preview.

22. (PREVIOUSLY PRESENTED) The method of reserved recording in accordance with claim 16, further comprising providing a user input interface having user selection keys, wherein the user command is generated in response to only one of the user selection keys being depressed.

23. (PREVIOUSLY PRESENTED) The method of reserved recording in accordance with claim 16, wherein the user command is generated in response to a single action of a user.

24. (PREVIOUSLY PRESENTED) A program recording device for reserved recording of an upcoming program while a program preview for the upcoming program is being broadcast, the device comprising:

- a memory to store program guide information associated with the upcoming program;
- a user interface to receive, during the broadcast of the program preview, a user command to reserve the upcoming program for future recording; and

- a controller to reserve the upcoming program for future recording using the program guide information,

- wherein the program guide information is not stored in said memory until the user command is received, and

- the controller is not operable to reserve the upcoming program unless the user command is received during the broadcast of the program guide information.

25. (PREVIOUSLY PRESENTED) The program recording device according to claim 24, further comprising a receiver to receive the program guide information.

26. (PREVIOUSLY PRESENTED) The program recording device according to claim 24, wherein the program guide information is embedded in the program preview.

27. (PREVIOUSLY PRESENTED) The program recording device according to claim 24, wherein the program preview comprises audio and video data in addition to the program guide information.

28. (PREVIOUSLY PRESENTED) The program recording device according to claim 24, wherein the program guide information for the upcoming program to be broadcast at the future time is automatically received without another user command requesting the program guide information.

29. (PREVIOUSLY PRESENTED) The program recording device according to claim 25, wherein the program guide information is not stored as it is received by said receiver unless in response to the user command to reserve the upcoming program for future recording.

30. (PREVIOUSLY PRESENTED) The program recording device according to claim 24, wherein said controller further prompts a user for the user command during the broadcast of the program preview.

31. (PREVIOUSLY PRESENTED) The program recording device according to claim 24, further comprising a user input interface having user selection keys, wherein the user command is generated in response to only one of the user selection keys being depressed.

32. (PREVIOUSLY PRESENTED) The program recording device according to claim 24, wherein the user command is generated in response to a single action of a user.

33. (PREVIOUSLY PRESENTED) The program recording device of claim 24, further comprising a recording unit that is operable to record the upcoming program in accordance with the program guide information stored in said memory.

34. (PREVIOUSLY PRESENTED) The program recording device of claim 33, wherein said recording unit comprises a video cassette recorder.

35. (PREVIOUSLY PRESENTED) The program recording device of claim 33, wherein said recording unit comprises a television having a recording unit.

36. (PREVIOUSLY PRESENTED) The program recording device of claim 33, wherein said recording unit comprises a Hard Disc drive.

37. (PREVIOUSLY PRESENTED) A computer readable storage medium encoded with a computer program to implement a method of reserved recording of the upcoming program while a program preview for an upcoming program is being broadcast, the method comprising:
receiving program guide information associated with the upcoming program;
receiving, during the broadcast of the program preview, a user command to reserve the upcoming program for future recording; and
reserving, in response to the user command, the upcoming program for future recording using the received program guide information,
wherein said reserving the upcoming program is only operable while the program preview is being broadcast.

38. (PREVIOUSLY PRESENTED) The computer readable storage medium according to claim 37, wherein the program guide information is embedded in the program preview.

39. (PREVIOUSLY PRESENTED) The computer readable storage medium according to claim 37, wherein the method further comprises prompting a user for the user command during the broadcast of the program preview.

40. (PREVIOUSLY PRESENTED) The computer readable storage medium according to claim 37, wherein
said receiving the user command comprises detecting an input from a user input interface having user selection keys, and

the user command is generated in response to only one of the user selection keys being depressed.

41. (PREVIOUSLY PRESENTED) The computer readable storage medium according to claim 37, wherein the program preview comprises audio and video data in addition to the program guide information.

42. (PREVIOUSLY PRESENTED) The computer readable storage medium according to claim 37, wherein said receiving the program guide information comprises automatically receiving the program guide information for the program to be broadcast at the future time without another user command requesting the program guide information.

43. (PREVIOUSLY PRESENTED) The computer readable storage medium in accordance with claim 37, wherein said reserving the upcoming program comprises reserving the upcoming program without retrieving stored program guide information from a memory.

44. (PREVIOUSLY PRESENTED) The computer readable storage medium in accordance with claim 37, wherein the user command is generated in response to a single action of a user.

45. (PREVIOUSLY PRESENTED) The computer readable storage medium in accordance with claim 44, the method further comprising recording the upcoming program in accordance with the program guide information.

46. (PREVIOUSLY PRESENTED) A method of reserved recording of an upcoming program while a program preview for the upcoming program is being broadcast, the method comprising:

receiving the program preview including program guide information associated with the upcoming program;

displaying the program preview;

receiving, during said displaying the program preview, a user command to reserve the upcoming program for future recording while the program guide information is being received; and

reserving, in response to the user command, the upcoming program for future recording using the received program guide information without the program guide information being displayed.

47. (PREVIOUSLY PRESENTED) The method of reserved recording in accordance with claim 46, further comprising:

receiving a plurality of program previews for a plurality of upcoming programs; and
storing the plurality of program previews;

wherein said displaying the program preview comprises sequentially replaying the stored plurality of program previews.

48. (PREVIOUSLY PRESENTED) The method of reserved recording in accordance with claim 47, further comprising providing a user input interface having user selection keys, wherein the user command is generated in accordance with a single one of the user selection keys being depressed.

49. (PREVIOUSLY PRESENTED) The method of reserved recording in accordance with claim 46, wherein the user command is generated in response to a single action of a user.

50. (PREVIOUSLY PRESENTED) A method of reserved recording of an upcoming program while a program preview for the upcoming program is being broadcast, the method comprising:

receiving program guide information associated with the upcoming program;

using a user input interface having user selection keys to generate a user command to reserve the upcoming program for future recording in accordance with a single action of one of the user selection keys being depressed to select and reserve the upcoming program; and

reserving, in response to the user command, the upcoming program for future recording using the received program guide information.

51. (PREVIOUSLY PRESENTED) The method of reserved recording in accordance with claim 50, wherein the user command is generated in response to the single action of a user while the program guide information is not displayed.

52. (PREVIOUSLY PRESENTED) A computer readable storage medium encoded with a computer program to implement a method of reserved recording of the upcoming program while a program preview for the upcoming program is being broadcast, the method comprising:

receiving program guide information associated with the upcoming program;

receiving a user command from a user input interface having user selection keys, where the user input interface generates, during the broadcast of the program preview, the user command to reserve the upcoming program for future recording in accordance with a single action of one of the user selection keys being depressed to select and reserve the upcoming program; and

reserving, in response to the user command, the upcoming program for future recording using the received program guide information.

53. (PREVIOUSLY PRESENTED) The computer readable medium in accordance with claim 52, wherein the user command is generated in response to the single action of a user while the program guide information is not displayed.

54. (PREVIOUSLY PRESENTED) The method of reserved recording in accordance with claim 20, wherein the program guide information is embedded in the program preview.

55. (PREVIOUSLY PRESENTED) The method of reserved recording in accordance with claim 20, wherein the program preview comprises audio and video data in addition to the program guide information.

56. (PREVIOUSLY PRESENTED) The method of reserved recording in accordance with claim 20, wherein said receiving the program guide information comprises automatically receiving the program guide information for the upcoming program to be broadcast at the future time without another user command requesting the program guide information.

57. (PREVIOUSLY PRESENTED) The method of reserved recording in accordance with claim 20, wherein said reserving the upcoming program comprises reserving the upcoming program without retrieving stored program guide information from a memory.

58. (PREVIOUSLY PRESENTED) The method of reserved recording in accordance with claim 20, further comprising prompting a user for the user command to reserve the upcoming program for future recording during the broadcast of the program preview.

59. (PREVIOUSLY PRESENTED) The method of reserved recording in accordance with claim 20, further comprising providing a user input interface having user selection keys, wherein the user command is generated in response to only one of the user selection keys being depressed.

60. (PREVIOUSLY PRESENTED) The method of reserved recording in accordance with claim 20, wherein the user command is generated in response to a single action of a user.

61. (PREVIOUSLY PRESENTED) The program recording device according to claim 29, further comprising a receiver to receive the program guide information.

62. (PREVIOUSLY PRESENTED) The program recording device according to claim 29, wherein the program guide information is embedded in the program preview.

63. (PREVIOUSLY PRESENTED) The program recording device according to claim 29, wherein the program preview comprises audio and video data in addition to the program guide information.

64. (PREVIOUSLY PRESENTED) The program recording device according to claim 29, wherein the program guide information for the upcoming program to be broadcast at the future time is automatically received without another user command requesting the program guide information.

65. (PREVIOUSLY PRESENTED) The program recording device according to claim 61, wherein the program guide information is not displayed as it is received by said receiver while the user command to reserve the upcoming program for future recording is received.

66. (PREVIOUSLY PRESENTED) The program recording device according to claim 29, wherein said controller further prompts a user for the user command during the broadcast of the program preview.

67. (PREVIOUSLY PRESENTED) The program recording device according to claim 29, further comprising a user input interface having user selection keys, wherein the user command is generated in response to only one of the user selection keys being depressed.

68. (PREVIOUSLY PRESENTED) The program recording device according to claim 29, wherein the user command is generated in response to a single action of a user.

69. (PREVIOUSLY PRESENTED) The program recording device of claim 29, further comprising a recording unit that is operable to record the upcoming program in accordance with the program guide information stored in said memory.

70. (PREVIOUSLY PRESENTED) The computer readable storage medium according to claim 43, wherein the program guide information is embedded in the program preview.

71. (PREVIOUSLY PRESENTED) The computer readable storage medium according to claim 43, wherein the method further comprises prompting a user for the user command during the broadcast of the program preview.

72. (PREVIOUSLY PRESENTED) The computer readable storage medium according to claim 43, wherein

said receiving the user command comprises detecting an input from a user input interface having user selection keys, and

the user command is generated in response to only one of the user selection keys being depressed.

73. (PREVIOUSLY PRESENTED) The computer readable storage medium according to claim 43, wherein the program preview comprises audio and video data in addition to the program guide information.

74. (PREVIOUSLY PRESENTED) The computer readable storage medium according to claim 43, wherein said receiving the program guide information comprises automatically receiving the program guide information for the program to be broadcast at the future time without another user command requesting the program guide information.

75. (PREVIOUSLY PRESENTED) The computer readable storage medium in accordance with claim 43, wherein said reserving the upcoming program comprises reserving the upcoming program without retrieving stored program guide information from a memory.

76. (PREVIOUSLY PRESENTED) The computer readable storage medium in accordance with claim 43, wherein the user command is generated in response to a single action of a user.

77. (PREVIOUSLY PRESENTED) The computer readable storage medium in accordance with claim 43, the method further comprising recording the upcoming program in accordance with the program guide information.

78. (PREVIOUSLY PRESENTED) The method of reserved recording in accordance with claim 46, wherein the received program guide information is not stored unless the user command is received.

79. (PREVIOUSLY PRESENTED) The method of reserved recording in accordance with claim 50, wherein the received program guide information is not stored unless the user command is received.

80. (PREVIOUSLY PRESENTED) The computer readable medium in accordance with claim 52, wherein the received program guide information is not stored unless the user command is received.

81. (PREVIOUSLY PRESENTED) A method of reserved recording of an upcoming program while a program preview for the upcoming program is being broadcast, the method comprising:

- receiving program guide information associated with the upcoming program, the program guide information being included with the program preview;

- receiving, during the broadcast of the program preview, a user command to reserve the upcoming program for future recording; and

- reserving, in response to the user command, the upcoming program for future recording using the received program guide information,

- wherein said reserving the upcoming program is only operable while the program preview is being broadcast.

82. (PREVIOUSLY PRESENTED) The method of reserved recording in accordance with claim 16, further comprising, if the user command is not received during the broadcast of the program preview:

- receiving another user command to display program information not received during the broadcast of the program preview; and

- reserving the upcoming program using the displayed program information.

83. (PREVIOUSLY PRESENTED) The method of reserved recording in accordance with claim 81, further comprising, if the user command is not received during the broadcast of the program preview:

- receiving another user command to display program information not received during the broadcast of the program preview; and

- alternately reserving the upcoming program using the displayed program information.

84. (PREVIOUSLY PRESENTED) The computer readable storage medium of claim 37, wherein the method further comprises, if the user command is not received during the broadcast of the program preview:

receiving another user command to display program information not received during the broadcast of the program preview; and

alternately reserving the upcoming program using the displayed program information.

85. (PREVIOUSLY PRESENTED) The method of reserved recording in accordance with claim 46, further comprising, if the user command is not received during the display of the program preview:

receiving another user command to display program information not received during the broadcast of the program preview; and

alternately reserving the upcoming program using the displayed program information.